

localhost:3000/helloTask Manager | Finallocalhost:3000/api/v1/taskscreate mongodb atlas - GoogleGet Started with Atlas — MongoDB

google.com/search?q=create+mongodb+atlas&rlz=1C5CHFA_enUS833US833&axsf=AleKk03qh6R0pyB-qUJAJWJTHMeuXIQ%3A1622389452985&ei=zLK2YI-wD4_g-qTWz6SABA&oeq=create+mongodb+atlas+&gs_lcp=Cgdrnd3Mtd2I6EAMyBAgECcyAggAMgY1ABAWEB4Y8ggAEBYQHjGCAAQFhAeMgYIA...

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create mongodb atlas

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About 640,000 results (0.56 seconds)

Ad · <https://www.mongodb.com/>

MongoDB Atlas is Cloud-First - Start Fast & Grow Big

Build Your Next Project on **Mongodb Atlas**, the Cloud-Native Document Database as a Service. Move Faster and Get More Out Of Your Data. Accelerate Your Application Development Now! Supporting AWS.

MongoDB Atlas

Fully Managed Database Service
Automated Deployments & Config

MongoDB Atlas Comparison

Compare MongoDB Atlas with other
MongoDB as a service offerings

MongoDB Atlas Pricing

Compare Plans & Estimate the Cost
of your MongoDB Atlas Deployment

Performance Optimization

MongoDB Atlas makes performance
& resource optimization easy

<https://docs.atlas.mongodb.com> · MongoDB Atlas

Get Started with Atlas — MongoDB Atlas

MongoDB Atlas provides an easy way to host and manage your data in the cloud. This tutorial guides you through creating an Atlas cluster, connecting to it, ...

[Create an Atlas Account](#) · [Deploy a Free Tier Cluster](#) · [Create a Database User](#)

You visited this page on 5/30/21.

<https://docs.atlas.mongodb.com> · tutorial · create-atlas-...

Create an Atlas Account — MongoDB Atlas

Register a new Atlas Account · Click Sign up with Google. · Enter one of the following identifiers for your Google account: your Gmail or Google Apps email address ...

Odemy

<https://www.mongodb.com/basics/mongodb-atlas-tutorial>

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docs.atlas.mongodb.com/getting-started/

mongoDB | Documentation

SERVERDRIVERSCLOUDTOOLSGUIDESGet MongoDB

Search Documentation

Close

MONGODB ATLAS

Get Started with Atlas

- Create an Atlas Account
- Deploy a Free Tier Cluster
- Add Your Connection IP Address to IP Access List
- Create a Database User for Your Cluster
- Connect to Your Cluster
- Insert and View Data in Your Cluster

Clusters

Security Features and Setup

Atlas User Access

Connect to a Cluster

Migrate or Import Data into Your Cluster

Load Sample Data into Your Atlas Cluster

Interact with Cluster Data

Get Started with Atlas

Overview

MongoDB Atlas provides an easy way to host and manage your data in the cloud. This tutorial guides you through creating an Atlas cluster, connecting to it, inserting data, and querying data.

Table of Contents

- **Part 1: Create an Atlas Account.**
- Part 2: Deploy a Free Tier Cluster.
- Part 3: Add Your Connection IP Address to Your IP Access List.
- Part 4: Create a Database User for Your Cluster.
- Part 5: Connect to Your Cluster.
- Part 6: Insert and View Data in Your Cluster.

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account.mongodb.com/account/register

account.mongodb.com/account/register

password

Your password must:

- Contain at least 8 characters
- Contain unique characters, numbers, or symbols
- Not contain your email address

Phone Number

310-999-9978

Company Name

coding addict

Job Function

Student

Country

United States

☒ I accept the [Privacy Policy](#) and the [Terms of Service](#)

Sign up

Have an account? [Log in now](#)

Odemy

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cloud.mongodb.com/v2/60b3b91feeda6861f2c9d88a#setup/onboarding

cloud.mongodb.com/v2/60b3b91feeda6861f2c9d88a#setup/onboarding

MONGODB ATLAS

Let's get your account set up

Name your organization and project

Organization

Your organization can be a business, team, or an individual

coding addict

Project Name

Use projects to isolate different environments (development/testing/production)

Node and Express Course

What is your preferred language?

We'll use this to customize code samples and content we share with you. You can always change this later.

JavaScript

C++

C# / .NET

Go

Java

C

Perl

PHP

Python

Ruby

Scala

Other

Skip

Continue

Odemy

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cloud.mongodb.com/v2/60b3b91feeda6861f2c9d88a#clusters/edit?filter=starter

Cloud Provider & Region

AWS, Oregon (us-west-2) v

aws

Google Cloud

Azure

★ Recommended region ⓘ

NORTH AMERICA

ASIA

EUROPE

Oregon (us-west-2) ★

Mumbai (ap-south-1)

Ireland (eu-west-1) ★

N. Virginia (us-east-1) ★

Singapore (ap-southeast-1) ★

Frankfurt (eu-central-1) ★

AUSTRALIA

Sydney (ap-southeast-2) ★

Cluster Tier

M0 Sandbox (Shared RAM, 512 MB Storage) > Encrypted

Additional Settings

MongoDB 4.4, No Backup >

Cluster Name

Cluster0 >

Privacy - Terms

FREE

Free forever! Your M0 cluster is ideal for experimenting in a limited sandbox. You can upgrade to a production cluster anytime.

Back

Create Cluster

Odemy

default trừ thăng cuối

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Cloud Provider & Region

AWS, Oregon (us-west-2) v

aws

Google Cloud

Azure

★ Recommended region ⓘ

NORTH AMERICA

ASIA

EUROPE

Oregon (us-west-2) ★

Mumbai (ap-south-1)

Ireland (eu-west-1) ★

N. Virginia (us-east-1) ★

Singapore (ap-southeast-1) ★

Frankfurt (eu-central-1) ★

AUSTRALIA

Sydney (ap-southeast-2) ★

Cluster Tier

M0 Sandbox (Shared RAM, 512 MB Storage) > Encrypted

Additional Settings

MongoDB 4.4, No Backup >

Cluster Name

NodeExpressProjects v

One time only: once your cluster is created, you won't be able to change its name.

NodeExpressProjects

Cluster names can only contain ASCII letters, numbers, and hyphens.

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FREE

Free forever! Your M0 cluster is ideal for experimenting in a limited sandbox. You can upgrade to a production cluster anytime.

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Create Cluster

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We are deploying your changes

CODING ADDICT > NODE AND EXPRESS COURSE

Clusters

Find a cluster...

SANDBOX

NodeExpressProjects

Version 4.4.6

CONNECTMETRICSCOLLECTIONS...

Your cluster is being created..

New clusters take between 1-3 minutes to provision.

Create a New Cluster

Connect to Atlas

Follow this checklist to get started.

20%

Build-your-first-cluster

Create your first database user

Add IP Address to your Access List

Load Sample Data (Optional)

Connect to your cluster

No thanks

Get Started

System Status: All Good

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Feature Requests

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cloud.mongodb.com/v2/60b3b91feeda5861f2c9d88a#security/database/users

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Database Access

Database Users Custom Roles

Create a Database User

Set up database users, permissions, and authentication credentials in order to connect to your clusters.

Add New Database User

Learn more

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Database Access

Database Users Custom Roles

Add New Database User

Create a database user to grant an application or user, access to databases and collections in your clusters in this Atlas project. Granular access control can be configured with default privileges or custom roles. You can grant access to an Atlas project or organization using the corresponding [Access Manager](#).

Authentication Method

Password Certificate AWS IAM (MongoDB 4.4 and up)

MongoDB uses SCRAM as its default authentication method.

Password Authentication

codingaddict@mail.com

SHOW

Autogenerate Secure Password Copy

Database User Privileges

Select a built-in role or privileges for this user.

Read and write to any database

Restrict Access to Specific Clusters/Data Lakes

Enable to specify the resources this user can access. By default, all resources in this project are accessible. OFF

Temporary User

This user is temporary and will be deleted after your specified OFF

System Status: All Good

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in your clusters in this Atlas project. Granular access control can be configured with default privileges or custom roles. You can grant access to an Atlas project or organization using the corresponding [Access Manager](#)

Authentication Method

Password

Certificate

AWS IAM
(MongoDB 4.4 and up)

MongoDB uses SCRAM as its default authentication method.

Password Authentication

john

1234

HIDE

Autogenerate Secure Password

Copy

Database User Privileges

Select a built-in role or privileges for this user.

Read and write to any database

Restrict Access to Specific Clusters/Data Lakes

Enable to specify the resources this user can access. By default, all resources in this project are accessible.

OFF

Temporary User

This user is temporary and will be deleted after your specified duration of 6 hours, 1 day, or 1 week.

OFF

Cancel

Add User

All Clusters

Get Help

peter

MongoDB

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We are deploying your changes (current action: configuring MongoDB)

Database Access

Database Users

Custom Roles

+ ADD NEW DATABASE USER

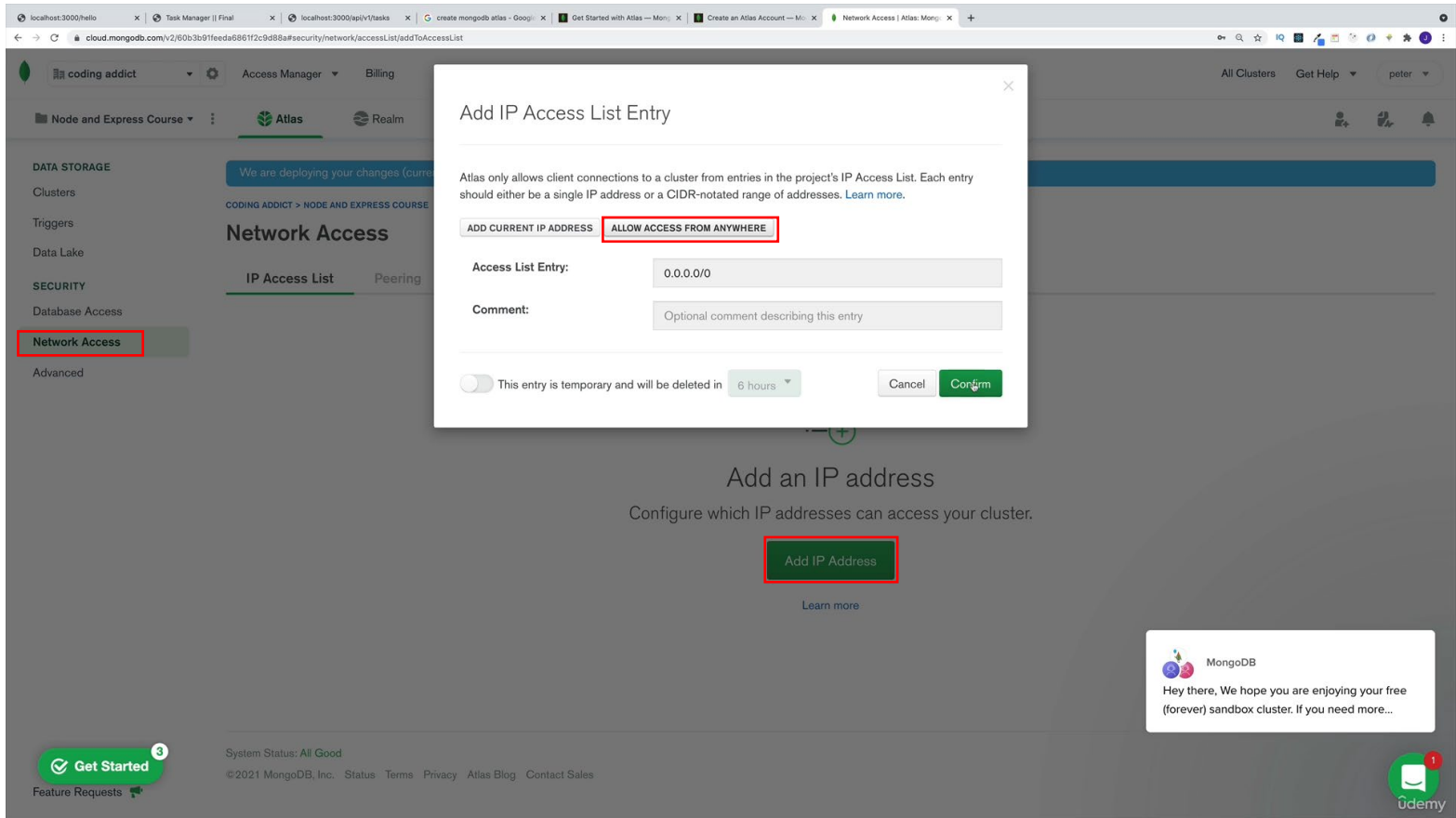
User Name	Authentication Method	MongoDB Roles	Resources	Actions
john	SCRAM	readWriteAnyDatabase@admin	All Resources	<div>EDITDELETE</div>

MongoDB

Hey there, We hope you are enjoying your free (forever) sandbox cluster. If you need more...

Udemy

https://cloud.mongodb.com/v2/60b3b91feeda6861f2c9d88a#security/network

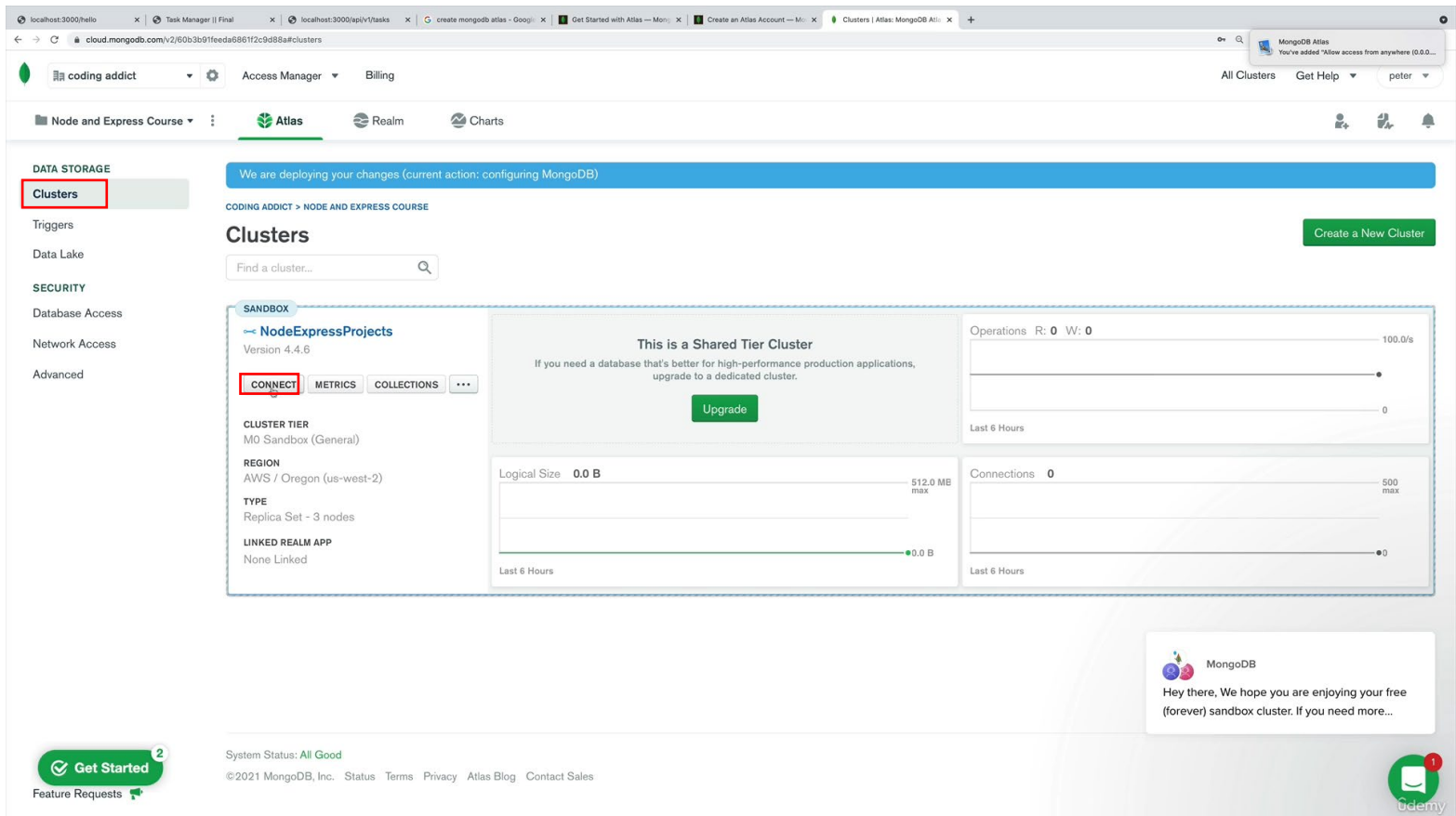


khi chúng ta deploy project lên server thì chúng ta sẽ setup ip address

nhưng hiện tại chúng ta làm ở local >>> access anywhere

Heroku >> access anywhere

Digital Ocean và các host khác >> khi lên product sẽ lấy ra product ip và bỏ vào đây



bây giờ lấy connection string

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Find a cluster...

SANDBOX

NodeExpressProjects

Version 4.4.6

CONNECT

METRICS

CO

CLUSTER TIER

M0 Sandbox (General)

REGION

AWS / Oregon (us-west-2)

TYPE

Replica Set - 3 nodes

LINKED REALM APP

None Linked

Get Started

System Status: All Good

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Connect to NodeExpressProjects

Setup connection security

Choose a connection method

Connect

Choose a connection method

Get your pre-formatted connection string by selecting your tool below.

Connect with the mongo shell

Interact with your cluster using MongoDB's interactive Javascript interface

Connect your application

Connect your application to your cluster using MongoDB's native drivers

Connect using MongoDB Compass

Explore, modify, and visualize your data with MongoDB's GUI

Go Back

Close

MongoDB

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METRICS

CO

CLUSTER TIER

M0 Sandbox (General)

REGION

AWS / Oregon (us-west-2)

TYPE

Replica Set - 3 nodes

LINKED REALM APP

None Linked

Get Started

System Status: All Good

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Connect to NodeExpressProjects

Setup connection security

Choose a connection method

Connect

Select your driver and version

DRIVER

Node.js

VERSION

3.6 or later

Add your connection string into your application code

☐ Include full driver code example

mongodb+srv://john:
<password>@nodeexpressprojects.kycgn.mongodb.net/myFirstDatabase?
retryWrites=true&w=majority

Replace <password> with the password for the john user. Replace myFirstDatabase with the name of the database that connections will use by default. Ensure any option params are URL encoded.

Having trouble connecting? View our troubleshooting documentation

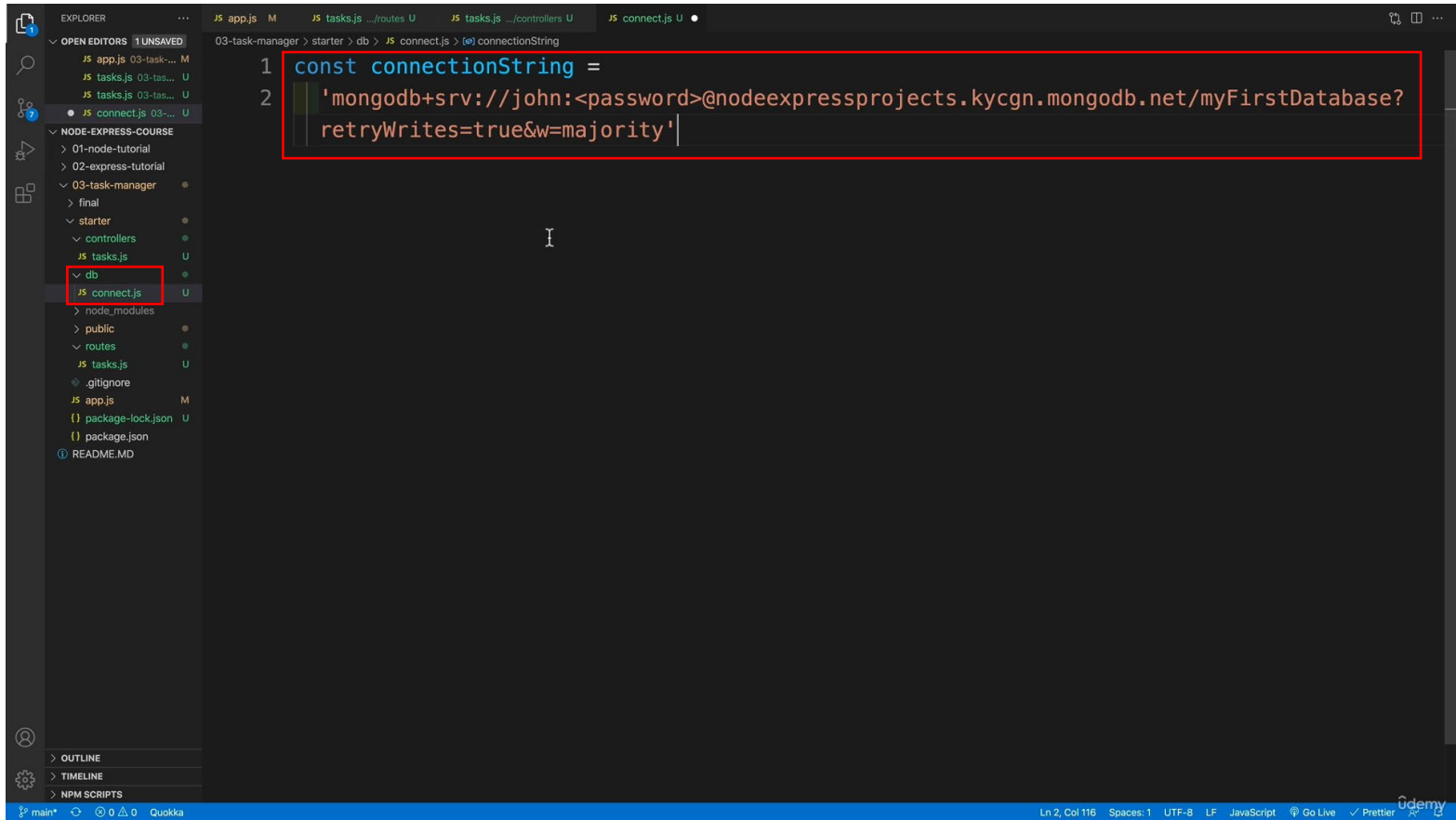
Go Back

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Hey there, We hope you are enjoying your free (forever) sandbox cluster. If you need more...

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tạo /db/connect.js >> rồi bỏ connection string vào

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Create a New Cluster

SANDBOX

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Version 4.4.6

CONNECTMETRICSCOLLECTIONS

CLUSTER TIER

M0 Sandbox (General)

REGION

AWS / Oregon (us-west-2)

TYPE

Replica Set - 3 nodes

LINKED REALM APP

None Linked

This is a Shared Tier Cluster

If you need a database that's better for high-performance production applications, upgrade to a dedicated cluster.

Upgrade

Operations R: 0 W: 0

100.0/s

Last 6 Hours

Logical Size 0.0 B

512.0 MB max

Last 6 Hours

Connections 1

500 max

Last 6 Hours

Get Started

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VERSION 4.4.6

REGION AWS Oregon (us-west-2)

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Profiler

Performance Advisor

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DATABASES: 0

COLLECTIONS: 0

VISUALIZE YOUR DATA

REFRESH

Explore Your Data

- Find: run queries and interact with documents

- Indexes: build and manage indexes

- Aggregation: test aggregation pipelines

- Search: build search indexes

Load a Sample Dataset

Add My Own Data

Learn more in Docs and Tutorials

Get Started

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Create Database

DATABASE NAME

COLLECTION NAME

☐ Capped Collection
Before MongoDB can save your new database, a collection name must be specified at the time of creation.

Cancel Create

- **Find:** run queries and interact with documents
- **Indexes:** build and manage indexes
- **Aggregation:** test aggregation pipelines
- **Search:** build search indexes

Load a Sample Dataset Add My Own Data

Learn more in Docs and Tutorials

MongoDB
Hey there, We hope you are enjoying your free (forever) sandbox cluster. If you need more...

Hiện tại tạo dummy database name >>> sau này connect vào db sẽ tạo ra db TaskManager

NodeExpressProjects

Overview Real Time Metrics **Collections** Search Profiler Performance Advisor Online Archive Command Line Tools

DATABASES: 1 COLLECTIONS: 1

+ Create Database

Q NAMESPACES

Store

Products

Store.Products

COLLECTION SIZE: 0B TOTAL DOCUMENTS: 0 INDEXES TOTAL SIZE: 4KB

Find Indexes Schema Anti-Patterns Aggregation Search Indexes

FILTER {"filter":"example"}

INSERT DOCUMENT

Find Reset

QUERY RESULTS 0

MongoDB
Hey there, We hope you are enjoying your free (forever) sandbox cluster. If you need more...

Collection giống Table bên SQL >> chứa nhiều Documents (giống Rows/Records)

cloud.mongodb.com/v2/60b3b91feeda6861f2c9d88a#metrics/replicaSet/60b3baa704f15e54086cctba/explorer/Store/Products/find

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SECURITY Database Access Network Access Advanced

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Overview Real Time Metrics

DATABASES: 1 COLLECTIONS: 2

+ Create Database

NAMESPACES

Store

Products

users

VERSION 4.4.6 REGION AWS Oregon (us-west-2)

Online Archive Command Line Tools

VISUALIZE YOUR DATA REFRESH

INSERT DOCUMENT

Find Reset

QUERY RESULTS 0

Filter {"filter": "example"}

Insert to Collection

VIEW {}

1 _id : ObjectId("60b3be1fac8f22d69179433d ")

ObjectId

String

Array

Binary

Boolean

Code

Date

Decimal128

Double

Int32

Int64

Get Started 2

Feature Requests

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cloud.mongodb.com/v2/60b3b91feeda6861f2c9d88a#metrics/replicaSet/60b3baa704f15e54086cctba/explorer/Store/Products/find

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Overview Real Time Metrics

DATABASES: 1 COLLECTIONS: 2

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NAMESPACES

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users

VERSION 4.4.6 REGION AWS Oregon (us-west-2)

Online Archive Command Line Tools

VISUALIZE YOUR DATA REFRESH

INSERT DOCUMENT

Find Reset

QUERY RESULTS 1-1 OF 1

Filter {"filter": "example"}

Insert to Collection

VIEW {}

1 _id : ObjectId("60b3bf6cac8f22d69179433f ")

2 colors : Array

3 0 : "red "

4 1 : "blue "

ObjectId

Array

String

String

Inserting Document

Cancel Insert

name: "first product"

Get Started 2

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cloud.mongodb.com/v2/60b3b91feeda6861f2c9d88afmetrics/replicaSet/60b3ba794f15e4086cctba/explorer/Store/Products/find

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DATABASES: 1 COLLECTIONS: 2

+ Create Database

NAMESPACES

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users

Store.Products

COLLECTION SIZE: 0B TOTAL DOCUMENTS: 0 INDEXES TOTAL SIZE: 4KB

Find Indexes Schema Anti-Patterns Aggregation Search Indexes

INSERT DOCUMENT

FILTER: {"filter": "example"} Find Reset

QUERY RESULTS 1-2 OF 2

```
> {
  "_id": ObjectId("60b3be1fac8f22d69179433d"),
  "name": "first product"
}
```

```
> {
  "_id": ObjectId("60b3bf6cac8f22d69179433f"),
  "colors": Array
}
```

Get Started 2

System Status: All Good

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MongoDB

Hey there, We hope you are enjoying your free (forever) sandbox cluster. If you need more...

Odemy

chúng ta có thể tạo structure khác nhau trong mongo >> và ko phải chúng ta có thể, ko có nghĩa là chúng ta nên làm như vậy >>> sau này học Mongoose sẽ tạo ra structure cho chúng ta